

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE 9/24/2013	(3) CONTACT/PHONE Glenn Marshall, Transportation Division Manager (805) 781-5252	
(4) SUBJECT Request approval of Contract Change Order No. 1 to the Agreement with Souza Construction, Inc. for the See Canyon Road Slip-Out Repair, Avila Beach, in the amount of \$195,000. District 3.			
(5) RECOMMENDED ACTION It is our recommendation that your Honorable Board: <div style="margin-left: 20px;"> 1. Approve Contract Change Order No. 1 to the Agreement with Souza Construction, Inc. for the See Canyon Road Slip-Out Repair, Avila Beach (No. 245R12B565), in the amount of \$195,000; and 2. Direct the Director of Public Works, or his designee, to execute and process Contract Change Order No. 1. </div>			
(6) FUNDING SOURCE(S) Road Fund	(7) CURRENT YEAR FINANCIAL IMPACT \$195,000.00	(8) ANNUAL FINANCIAL IMPACT \$0.00	(9) BUDGETED? Yes
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. ____) <input type="checkbox"/> Board Business (Time Est. ____)			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input checked="" type="checkbox"/> N/A			
(12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) 19001343		(13) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: N/A <input type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A	
(14) LOCATION MAP Attached	(15) BUSINESS IMPACT STATEMENT? No	(16) AGENDA ITEM HISTORY <input type="checkbox"/> N/A Date: 8/13/13; #11	
(17) ADMINISTRATIVE OFFICE REVIEW <i>Nikki J. Schmidt</i>			
(18) SUPERVISOR DISTRICT(S) District 3 -			

Reference: 13SEP24-C-9

County of San Luis Obispo



TO: Additions, subtractions and corrections to the Board of Supervisors

FROM: Public Works
Glenn Marshall, Transportation Division Manager
Mike Britton, Project Manager

VIA: Paavo Ogren, Director of Public Works

DATE: 9/24/2013

SUBJECT: Request approval of Contract Change Order No. 1 to the Agreement with Souza Construction, Inc. for the See Canyon Road Slip-Out Repair, Avila Beach, in the amount of \$195,000. District 3.

RECOMMENDATION

It is our recommendation that your Honorable Board:

1. Approve Contract Change Order No. 1 to the Agreement with Souza Construction, Inc. for the See Canyon Road Slip-Out Repair, Avila Beach (No. 245R12B565), in the amount of \$195,000; and
2. Direct the Director of Public Works, or his designee, to execute and process Contract Change Order No. 1.

DISCUSSION

See Canyon Road is a County road that extends northerly from its intersection with San Luis Bay Drive in Avila Beach to merge with Prefumo Canyon Road which continues northerly to its intersection with Los Osos Valley Road in the City of San Luis Obispo. Approximately one-quarter mile north of San Luis Bay Drive, stream flows from the adjoining See Canyon Creek have eroded the easterly edge of See Canyon Road. This erosion has resulted in an edge of road condition with insufficient shoulder width and a near vertical 20 foot high bank.

The See Canyon Road Slip-Out Repair project was initiated to correct this situation. County staff consulted with geotechnical and structural engineers to develop a 48-foot long soldier pile wall. The wall will be composed of a series of steel H-piles interlinked with concrete panels. On January 25, 2011, your Board approved a mitigated negative declaration in anticipation of securing all necessary permits to construct the project.

On August 13, 2013, your Board awarded a contract to Souza Construction, Inc., in the amount of \$236,764.75, for the See Canyon Road Slip-Out Repair project in Avila Beach. The contract approval also established a contingency and supplemental work budget of \$23,000 for unforeseen conditions and for potential additional quantities in connection with project construction. The construction and contingency result in total project cost of \$259,764.75.

Prior to commencing construction, staff requested additional borings to verify depth to bedrock, a critical component of the design based on the embedding requirements for the H-piles. The additional boring information showed half the project site to have actual bedrock elevations up to 15-feet lower than the design elevations. Therefore, the contract documents specifying the number, separation and minimum lengths of each H-pile was determined to require redesign to adjust for unforeseen field conditions.

Contract Change Order No. 1 (CCO-1) covers the estimated cost increase to compensate the Contractor for furnishing and installing additional steel H-piles, increasing the lengths of the designed steel H-piles, and increasing the number of concrete panels sections. CCO-1 is also anticipated to cover potential contractor costs associated with the unforeseen conditions. Finally, CCO-1 reestablishes the originally approved contingency of \$23,000.

Under Public Contract Code Section 20142 and based on the size of this construction project, it is necessary for your Board to approve individual change orders when they exceed a total of \$23,000, the initially approved contingency. The estimated request for CCO-1 is \$195,000.

Staff will be working with their consultants to determine why the design H-pile lengths were in error and follow-up on matters relating to restitution of staff and/or project costs. Timely action on the Change Order is necessary in order to prevent any delays to the contractor in carrying out the project, particularly with the seasonal limitation of working within and near the creek.

OTHER AGENCY INVOLVEMENT/IMPACT

Various utility companies have been contacted in consideration of project impacts to their facilities. The County Clerk formally processed the bidding processes. The project was presented to the Avila Valley Advisory Council (AVAC).

FINANCIAL CONSIDERATIONS

This is a multi-year maintenance repair project budgeted in the Road Fund FY 2013/14 at \$469,059. The estimated project cost to stabilize the eroded slope on See Canyon Road, including Change Order No. 1, is \$731,832. No budget adjustment is necessary, as this maintenance project will be funded from the Road Maintenance Fund.

Please see Exhibit "A" for an estimated cost breakdown of the project.

RESULTS

Approval of the recommended action will result in the continued progress of the construction related activities for this construction contract, which will contribute to the efficient and timely delivery of this bridge replacement project.

File: Contract No. 245R12B565

Reference: 13SEP24-C-9

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ATTACHMENTS

1. Vicinity Map
2. Exhibit A - Project Cost Estimates
3. Contract Change Order No. 1